

FIGURE 1

AREANAGLVAGSYKRNELVRIRHSDGGQPKPLKEANGQICQICGDTVGKSATGDTFVAC
 -----MDGDADAL-KSGRHGAGDVQICADGLGTTLDGDVFTAC
 -----MESEGETAGKPMKNIVPQTCQICSDNVGKTVGDGRFVAC
 1 60

* * * * * * * * * * * * * * * * * * *
NECGFPVCRPCYEYERKDGNGCCPQCKTRYKRQKGSPVEGDEEEEDVDLEN-EFNYS
DVCRFFPVCRPCYEHERKEGTQACLQCKTKYRHRGSPAIRGEEGDDTDADGS-DFNYPA
DICSFPVCRPCYEYERKDGNGSCPQCKTRYKRLKGSIPAIPGDKDEGLADEGTVEFNYP-
61 120

* * * * *

KGKNQK--KVTTARRPŴQ---GDQQDIELS-----VSSSRHDESQQP---VPLLTHGHS
SGTEDQKQKIADRMRSWRMNTGGSGNVGHPKYDSGEIGLSKYDSEI PRGYVPVTNSQ-
-----QKEKISERMLGLTRKGGEEMGPȲDK-----EVSHNHLPRILTSRQD

180

121

*** *
VSGEIPTPDNHSIRTTSGPIGPVEKSIPIYIDRQPVAVRIIVDPSKDLNSYGLGNVDWKE
MSGEIPGASPD--HHMMSPTGNISRRAPFY-VNHSPNPSREFSG-----SIGNVAWKE
TSGEFSAASPE--RLSVSSTIAGGKRLPYSSDVNQSPNRRIVDPV-----GLGNVAWKE
181 240

** ** ** ** * * * * *
 RVEGWLKQEKNMVQMTS---RYPEGKGTGTGSNG--EELQMAADDIRQPMRSRIVPI
 RVDGWMKQDKGAIPMTNGTISIAPSEGRAATDIDASTEYNMEDALLNDETQPLSRKVPI
 RVDGWMKQEKNTGPV---STQAA SERGGVDIDASTDILADEALLNDEARQPLSRKVS I
 241 300

SEQ	ID	NO:26
SEQ	ID	NO:30
SEQ	ID	NO:33

SEQ	ID	NO:26
SEQ	ID	NO:30
SEQ	ID	NO:33

SEQ	ID	NO: 26
SEQ	ID	NO: 30
SEQ	ID	NO: 33

SEQ	ID NO:26
SEQ	ID NO:30
SEQ	ID NO:33

SEQ	ID	NO:26
SEQ	ID	NO:30
SEQ	ID	NO:33

FIGURE 1 CONTINUED

SEQ ID NO:26	* * * * * * * * * * * * * * * * * *	301
SEQ ID NO:30	SSTHLTPYRVVILRLIILGFFELQYRCTHPVKDAYPLWLTSVCEVWFALS WLLDQFPKW	
SEQ ID NO:33	ASSKINPYRMVIVLRVLVLSIFLHYRLITNPVRNAYPLWLLSVCEIWFALS WILDQFPKW	
	PSSRINPYRMVIMLRVLVILCLFLHYRITNPVPNAFALWLVSVCEIWFALS WILDQFPKW	360
SEQ ID NO:26	* * * * * * * * * * * * * * * * * *	361
SEQ ID NO:30	SPVNRETYLDRLSMRFDREGEPSQLAPIDFVSTVDPLKEPPLVTANTVLSILAVDYPVD	
SEQ ID NO:33	FPINRETYLDRALRYDREGEPSQLAAVDIFVSTVDPLKEPPIVTANTVLSILAVDYPVD	
	FPVNRETYLDRALRYDREGEPSQLAAVDIFVSTVDPLKEPPLVTANTVLSILAVDYPVD	420
SEQ ID NO:26	* * * * * * * * * * * * * * * * * *	421
SEQ ID NO:30	KVSCYVSDDGASMLTFEALSETAEFAKKWAPFCCKHSEIPEPEFYFAQKIDYLKDKVQP	
SEQ ID NO:33	KVSCYVSDDGASMLTFDALAETSEFARKWVPFVKKYDIEPEPEFYFCQKIDYLKDKVQP	
	KVSCYVFDDGAAMLSFESLAETSEFARKWVPFCCKYSIEPEPEWYFAAKIDYLKDKVQT	480
SEQ ID NO:26	* * * * * * * * * * * * * * * * * *	481
SEQ ID NO:30	SFVKERRAMKREYEEFKVRINALVAKAQVPEEGWTMQDGTWPNGNNSRDHPGMIQVFLG	
SEQ ID NO:33	SFVKDRRAMKREYEEFKIRINALVSKALKVPEEGWIMQDGTWPNGNNTGDHPGMIQVFLG	
	SFVKDRRAMKREYEEFKIRINALVSKALKCPEEGWVMQDGTWPNGNNTGDHPGMIQVFLG	540
SEQ ID NO:26	** * * * * * * * * * * * * * * * * *	541
SEQ ID NO:30	HSGGFDTEGNEPRLVYVSREKRPFGFQHHKKAGAMNALIRVSAVLTNGAYLLNVDCDHYF	
SEQ ID NO:33	HSGGLDTEGNEPRLVYVSREKRPFGFQHHKKAGAMNALVRVSAVLTNGQYMLNLDCHYI	
	QNGGLDAEGNEPRLVYVSREKRPFGFQHHKKAGAMNALVRVSAVLTNGPFILNLDCHYI	600

FIGURE 1 CONTINUED

SEQ ID NO:26	*** ** *	901
SEQ ID NO:30	PLAYCTLPALCLLTGKFIVPEISNYASIWFILLFVSIFSTGILELWSGVTLDEWWRNE	
SEQ ID NO:33	PLVVCILPALCLLTGKFIMPEISNLAISWIFALFLSIFATGILEMRWSGVGIDEWWRNE	960
	PLMYCTLLAVCLFTNQFIIPQISNIAISWFLSLFLSIFATGILEMRWSGVGIDEWWRNE	

SEQ ID NO:26	***** ** *	961
SEQ ID NO:30	QFWVIGGTSAHLEFAVFQGLLKVLGIDTNFTVTSKASDEDEGDFAEELYVFKWTSLLIPPTT	
SEQ ID NO:33	QFWVIGGISAHLEFAVFQGLLKVLGIDTNFTVTSKANDDEEGDFAEELYMFKWTTLLIPPTT	
	QFWVIGGVSALHLEFAVFQGLLKVLGIDTNFTVTSKASDEDEGDFAEELYLFKWTLLIPPTT	1020

SEQ ID NO:26	* *	1021
SEQ ID NO:30	ILVNMVGVAGVSFAINSQYQSWGPLEFGRLEFFAIWVIVHLYPFLKGLLGRQNRPTTIVI	
SEQ ID NO:33	ILIIINMVGWVAGTSYAINSQYQSWGPLEFGKLEFFAFWVIVHLYPFLKGLMGRQNRPTTIVI	
	LLIVNLVGVVAGVSYAINSQYQSWGPLEFGKLEFFAFWVIVHLYPFLKGLMGRQNRPTTIVV	1080

SEQ ID NO:26	** ***** * * * * *	1081
SEQ ID NO:30	VWSVLLASIFSLWVRIDPFTSDSTKAR-GQCGIDC	
SEQ ID NO:33	VWAVLLASIFSLWVRIDPFTTRLAGPNIQTGGINC	
	VWSVLLASIFSLWVRIDPFTSRVTGPDILECGINC	1116